

FIG. 1A PRIOR ART

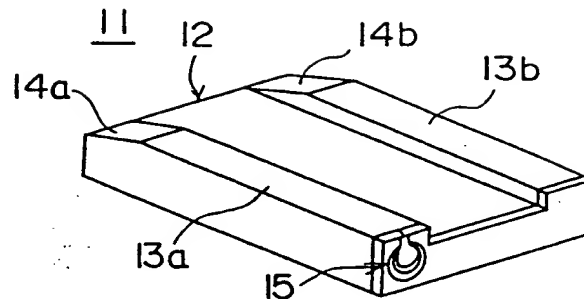


FIG. 1B PRIOR ART

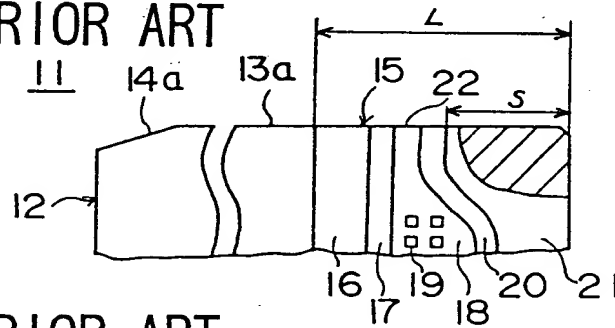


FIG. 1C PRIOR ART

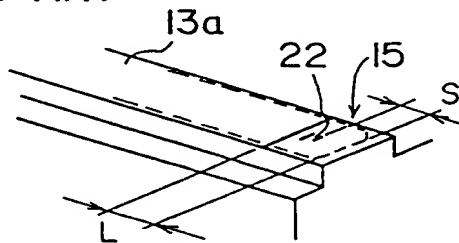
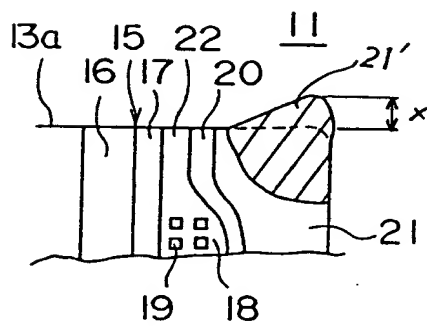


FIG. 2 PRIOR ART



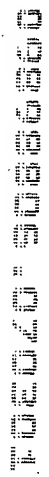
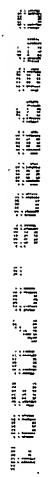
[illegible][illegible]

FIG. 4A

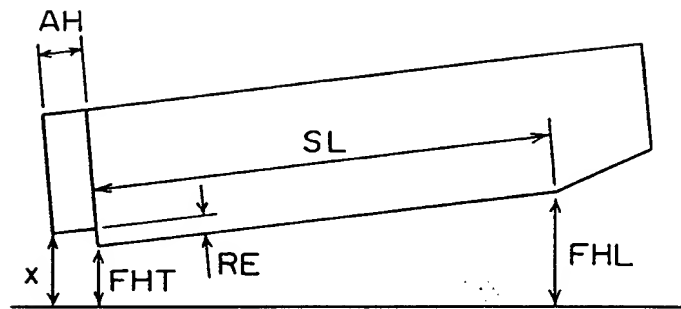
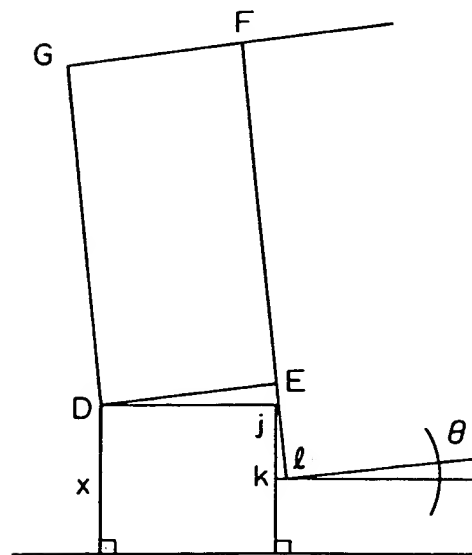


FIG. 4B



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TEMPERATURE RISE APPARATUS	0 (NOT CONDUCTING)	1 0 °C	2 0 °C	3 0 °C	4 0 °C	5 0 °C
APPARATUS 1	13.92	7.92	1.92	- 4.08	-10.08	-16.08
APPARATUS 2	5.74	- 0.26	- 6.26	-12.26	-18.26	-24.26

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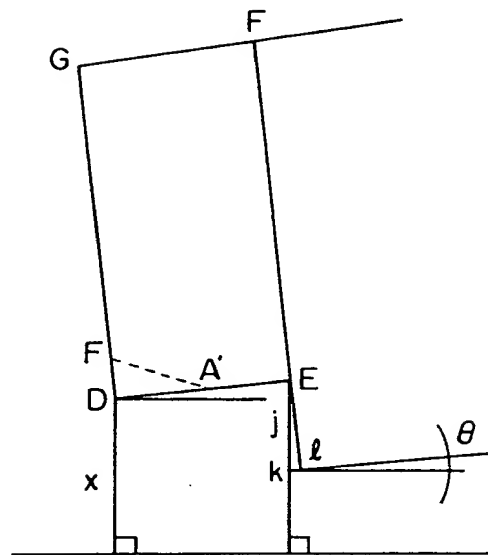


FIG. 6B

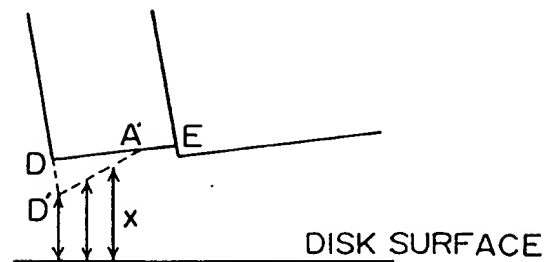
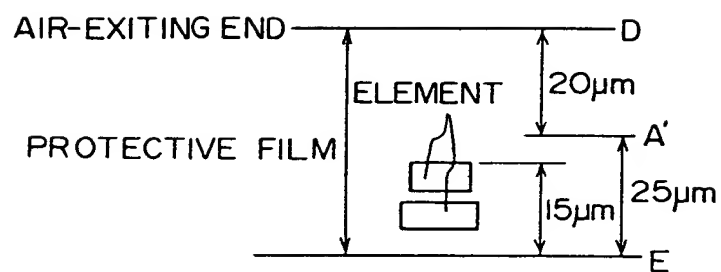


FIG. 7

A' E TEMPERATURE RISE	[nm]				
	45[μm]	40	35	30	25
10 °C	- 0.26	+ 1.42	+ 3.09	+ 4.76	+ 6.44
20 °C	- 6.26	- 3.38	- 0.51	+ 2.36	+ 5.24
30 °C	-12.26	- 8.18	- 4.11	- 0.04	+ 4.04

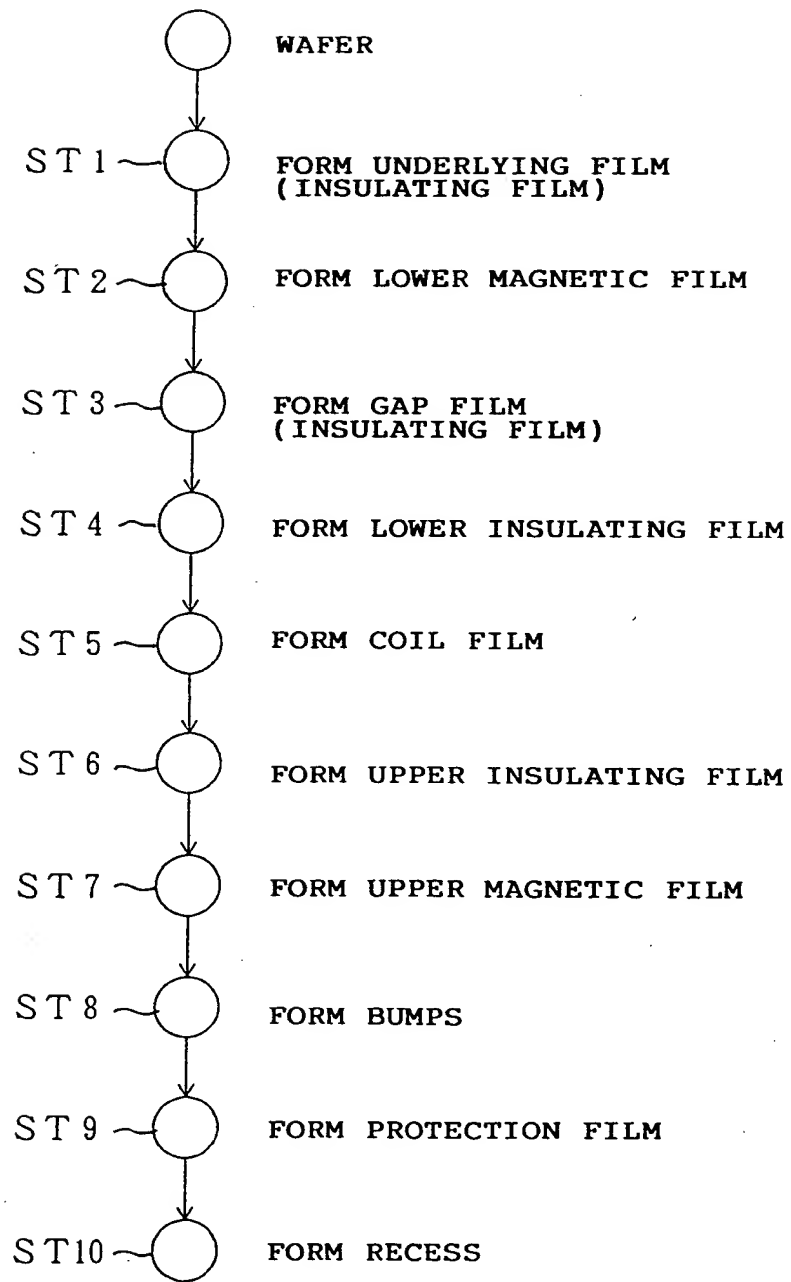
FIG. 8



TOP SECRET



FIG. 9



TOP SECRET

FIG. 10A

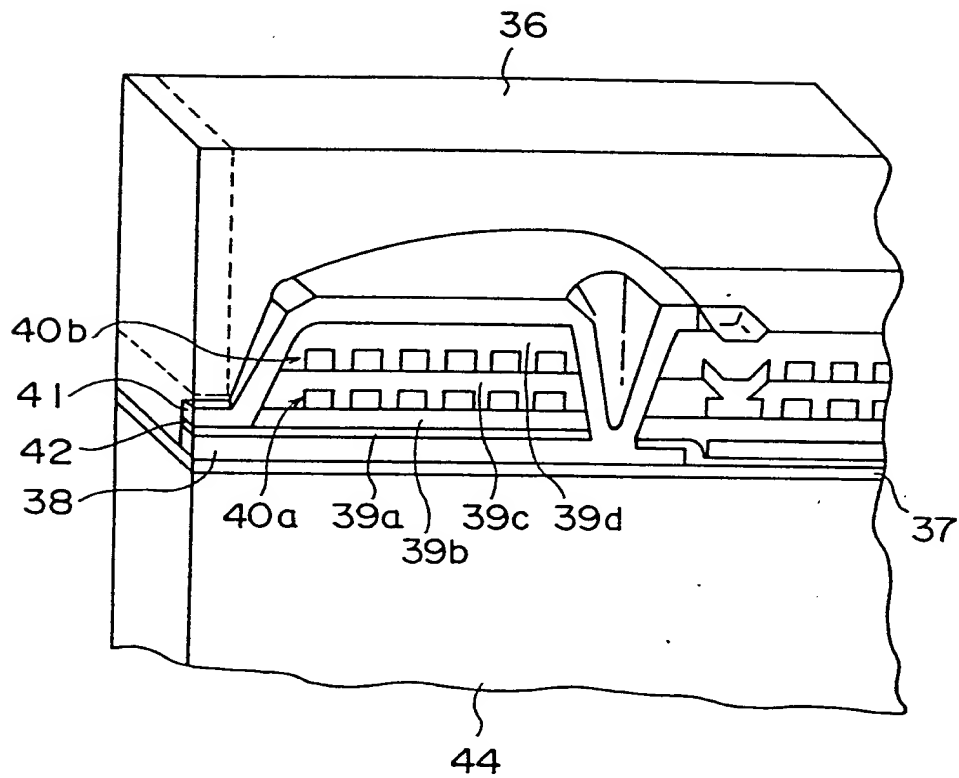


FIG. 10B

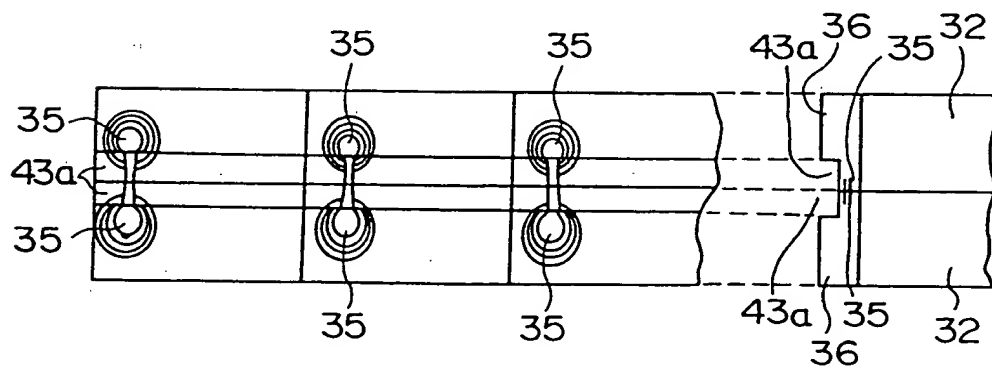


FIG. 11A

FIG. 11A

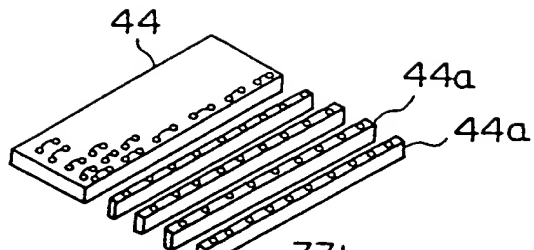


FIG. 11B

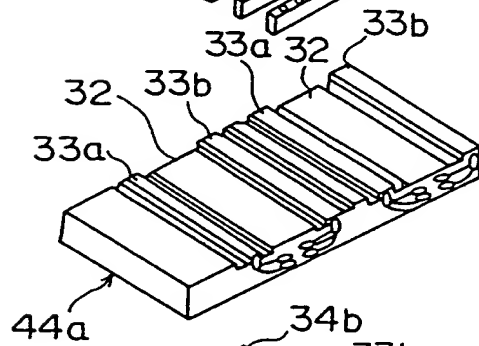


FIG. 11C

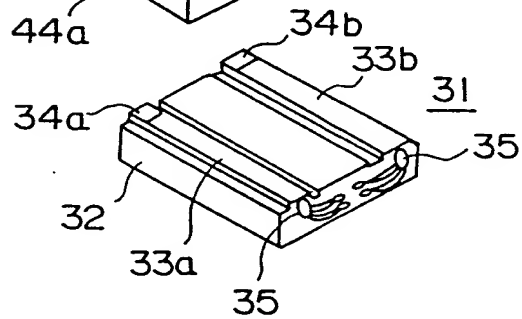


FIG. 11D

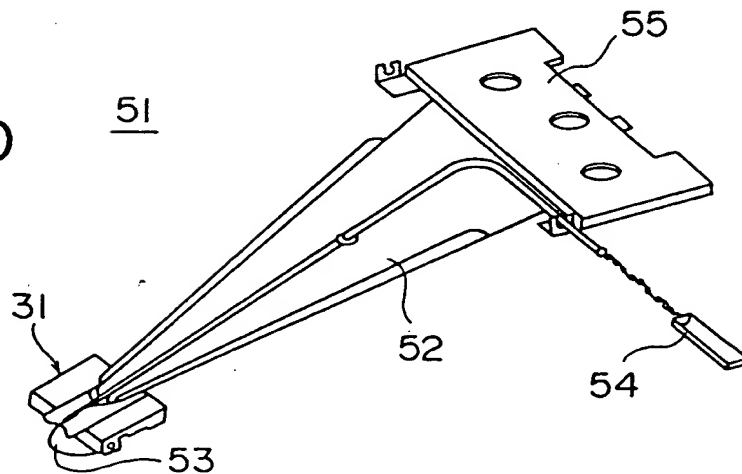


FIG. 12A

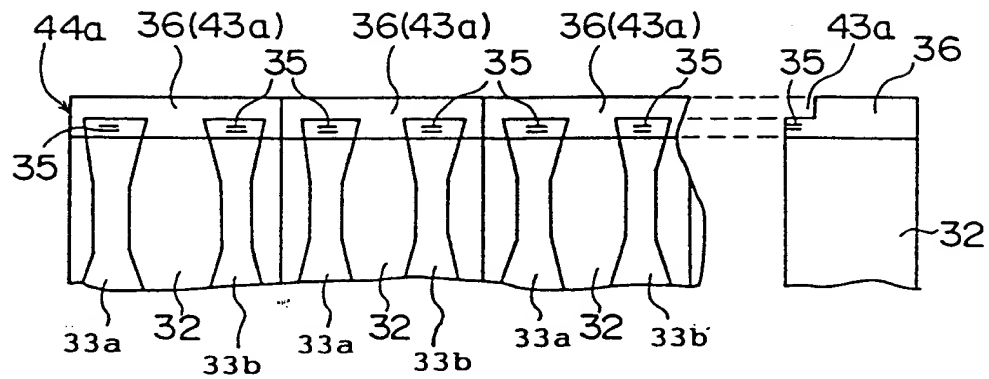


FIG. 12B

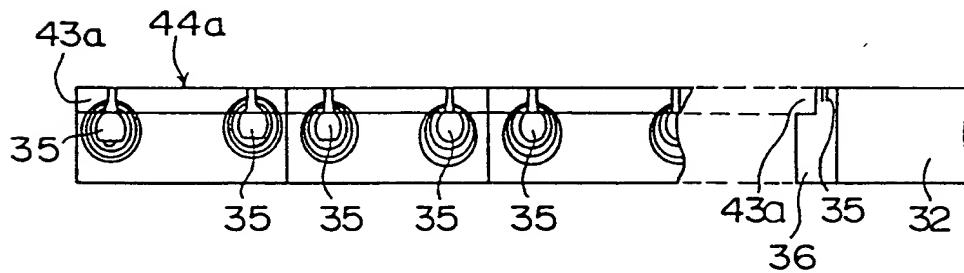


FIG. 13

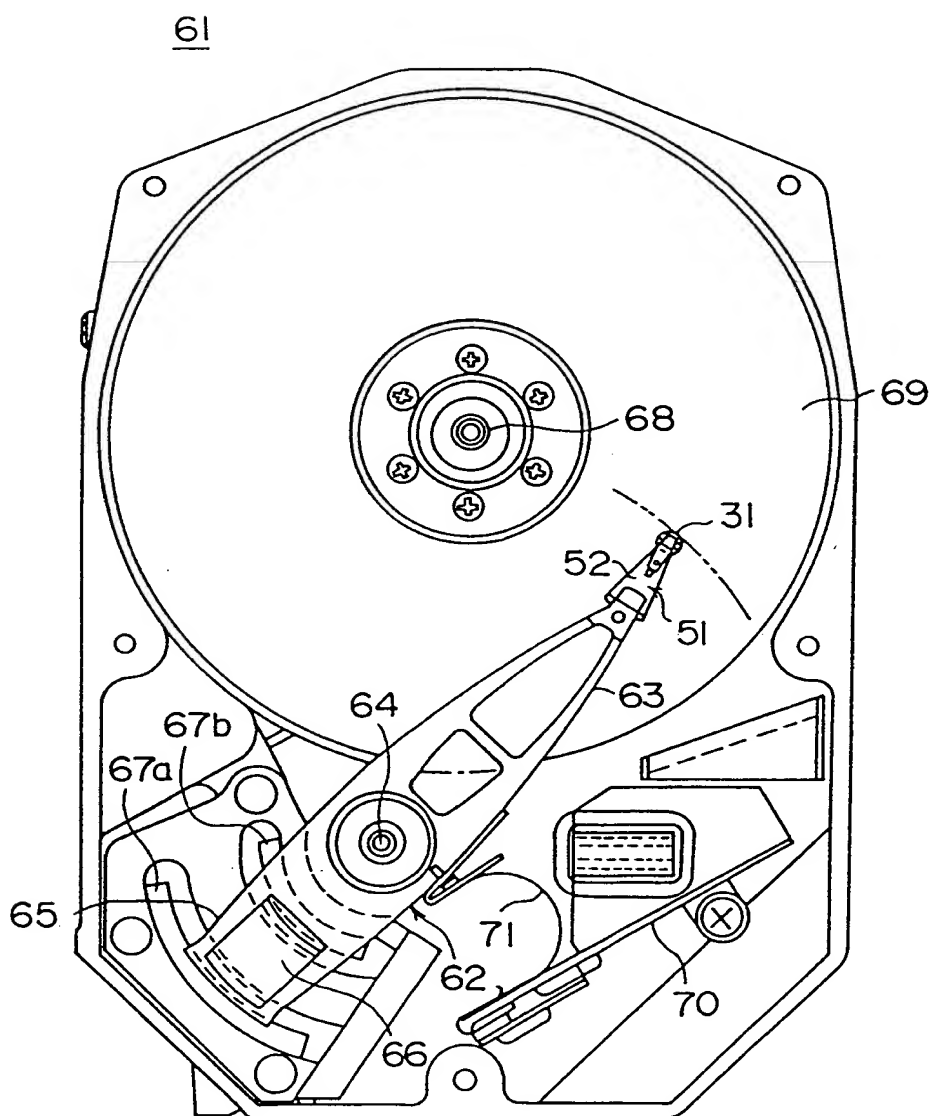


FIG. 14A

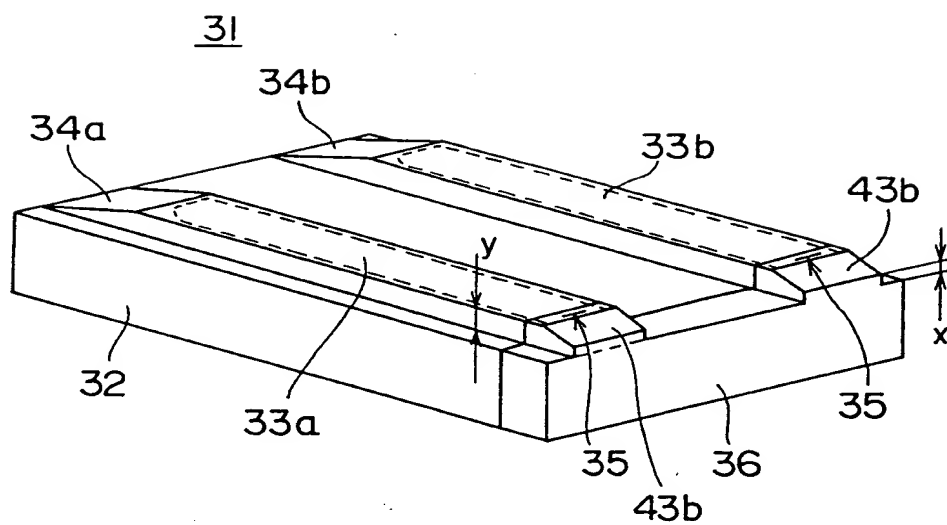


FIG. 14B

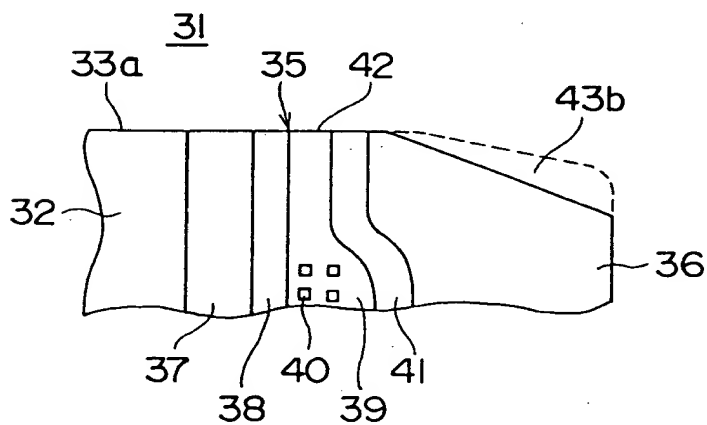


FIG. 15A

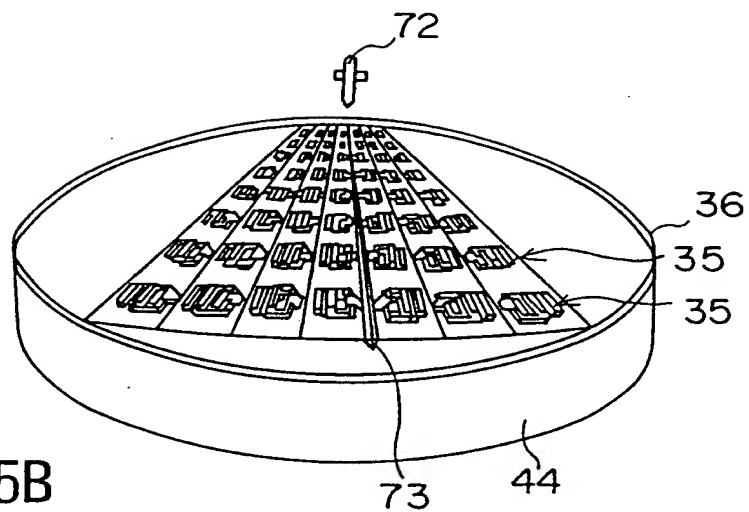
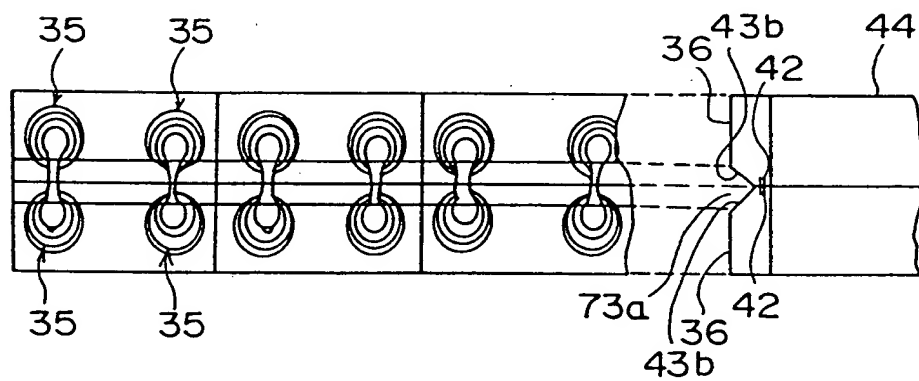


FIG. 15B



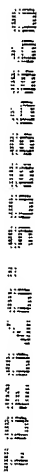
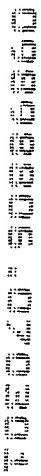




FIG. 17

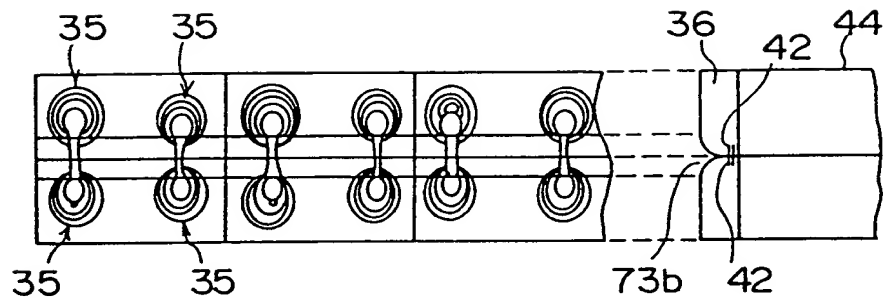


FIG. 18A

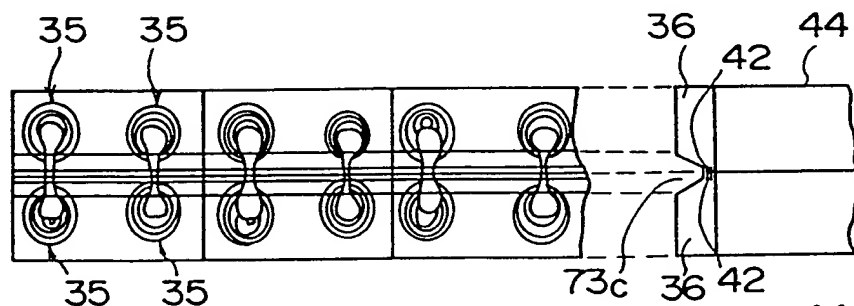


FIG. 18B

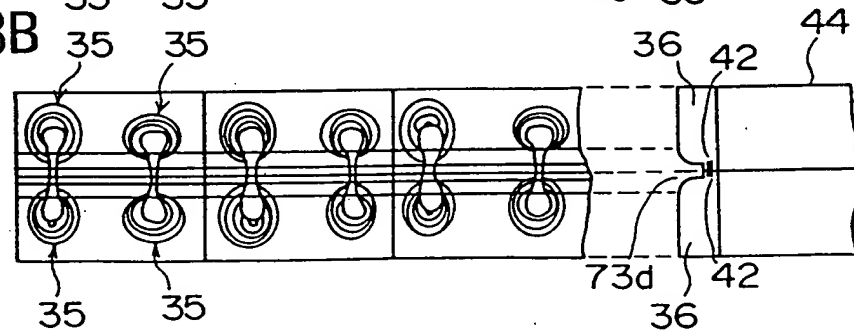


FIG. 19A

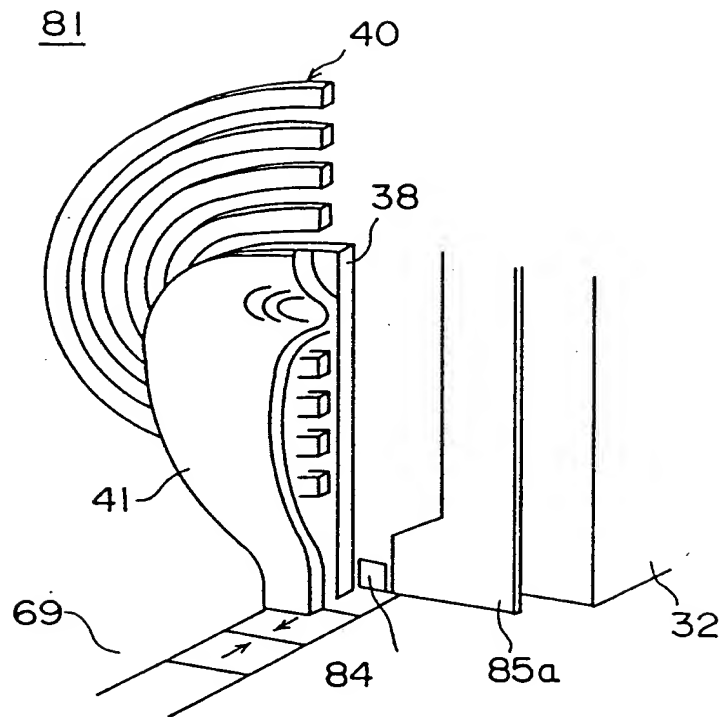


FIG. 19B

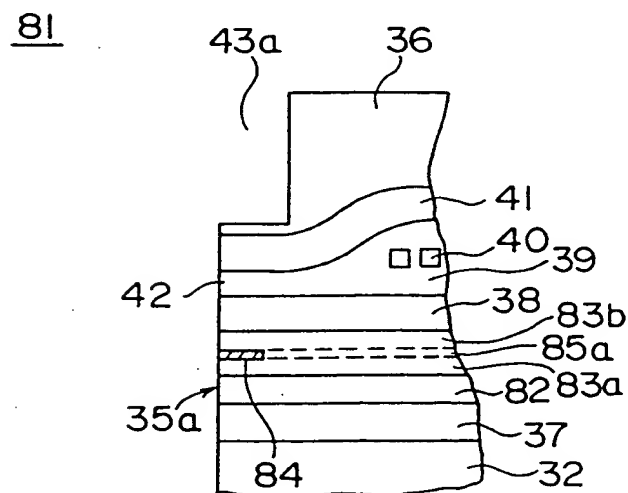


FIG. 20A FIG. 20B FIG. 20C

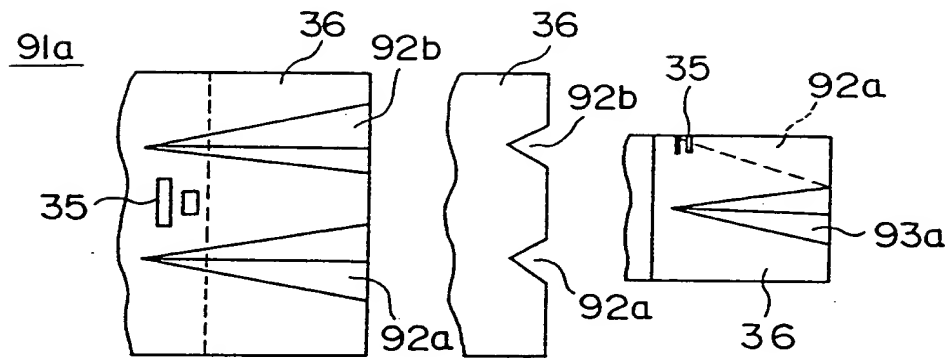


FIG. 21A FIG. 21B

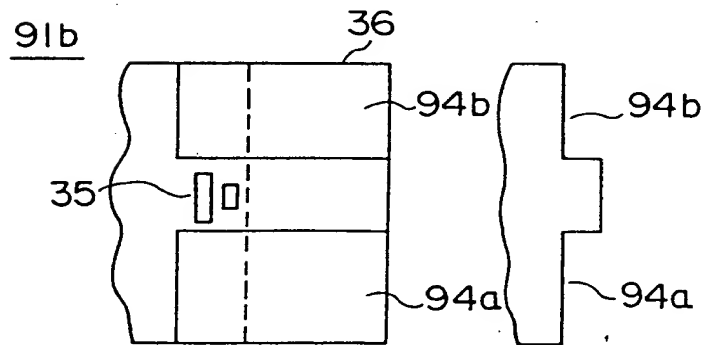


FIG. 21C

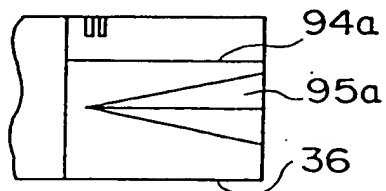


FIG. 22A  
PRIOR ART

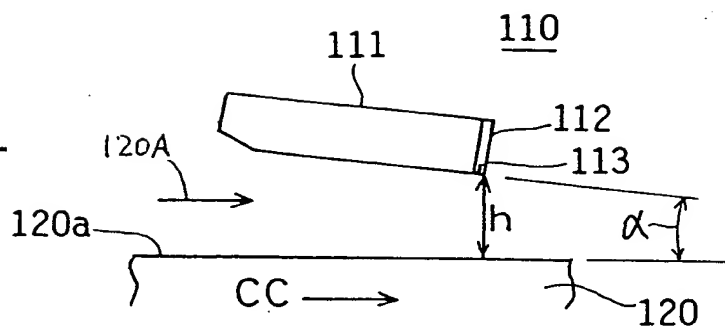


FIG. 22B  
PRIOR ART

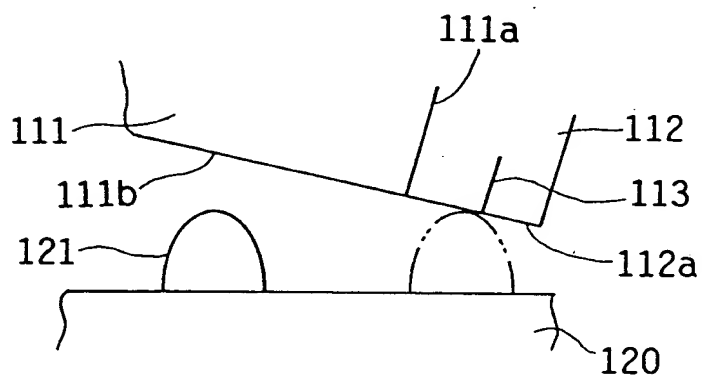


FIG. 22C  
PRIOR ART

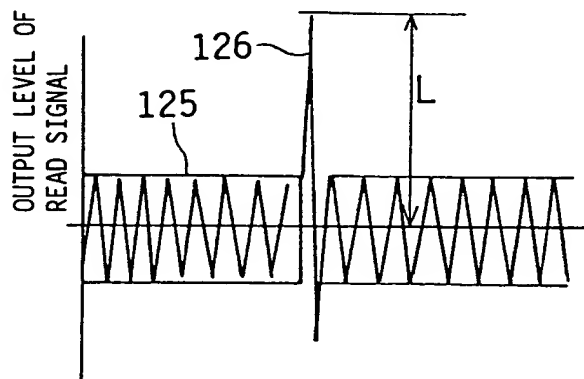


FIG. 23

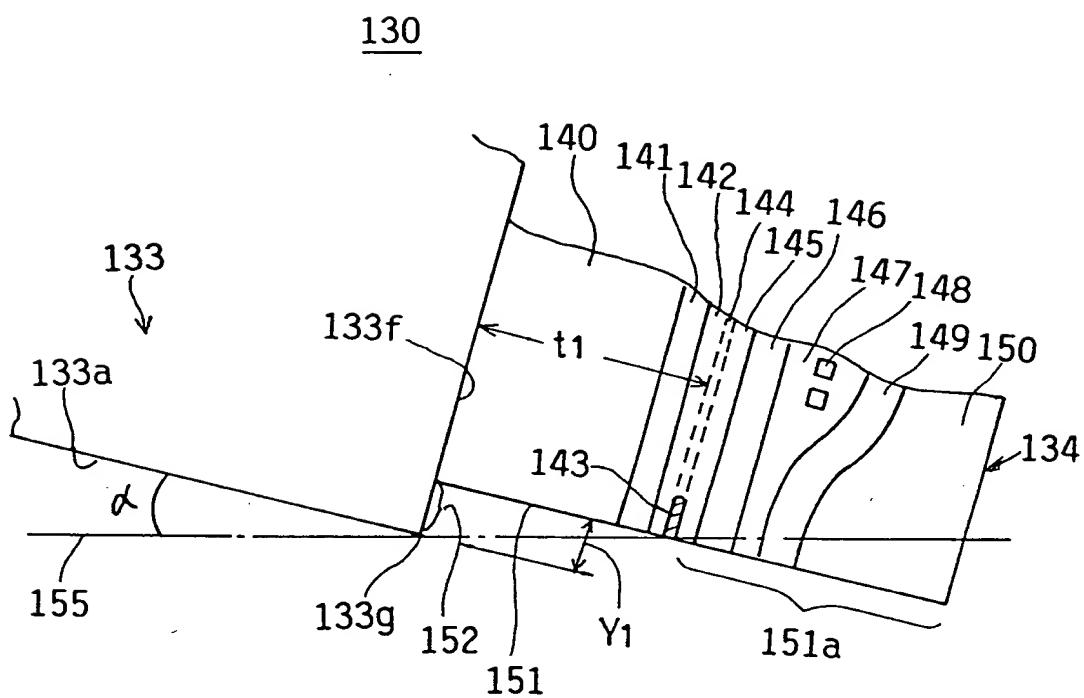


FIG. 24A

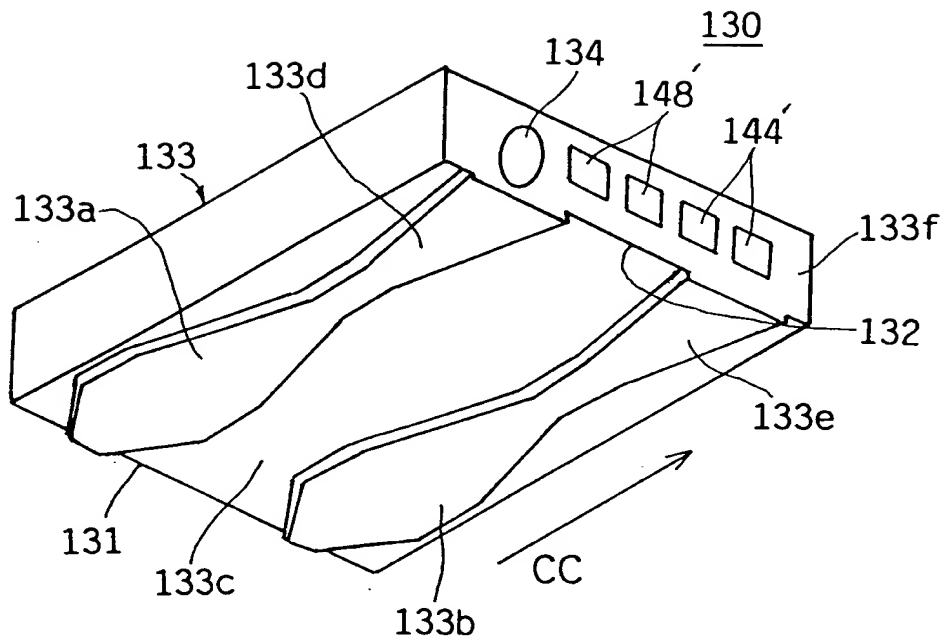


FIG. 24B

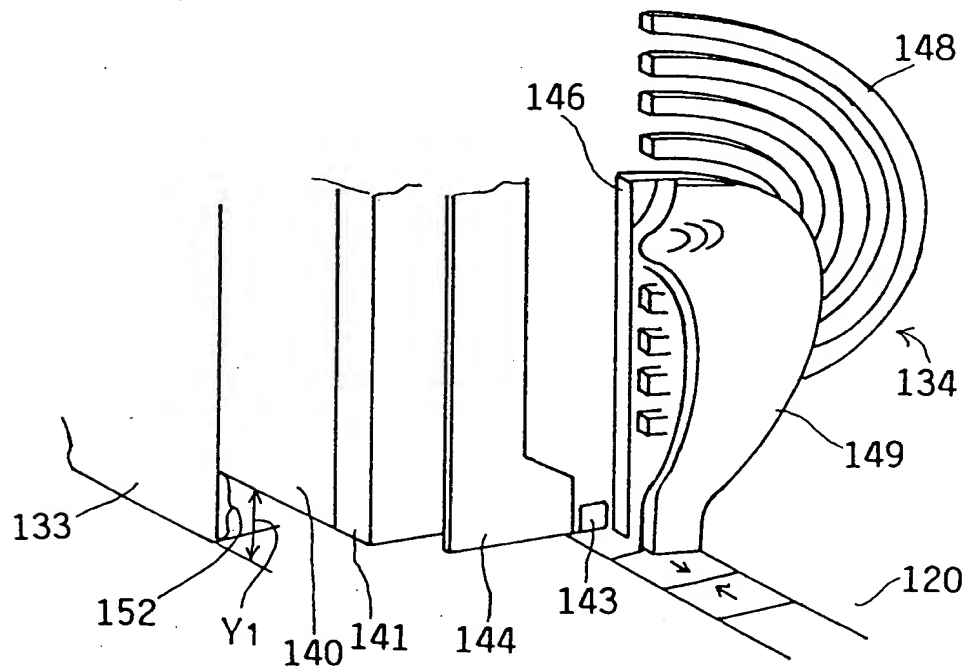


FIG. 25A

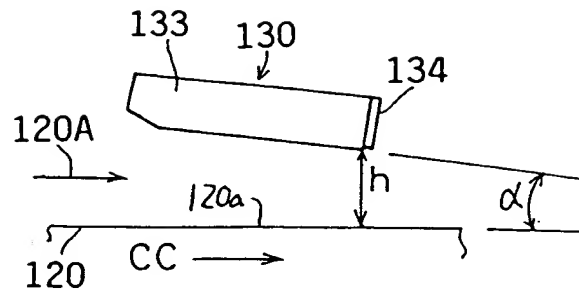


FIG. 25B

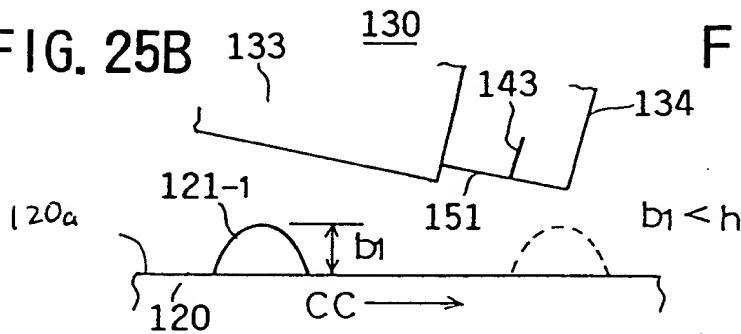


FIG. 25C

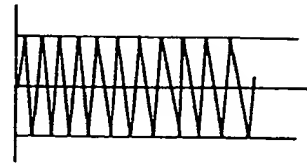


FIG. 25D

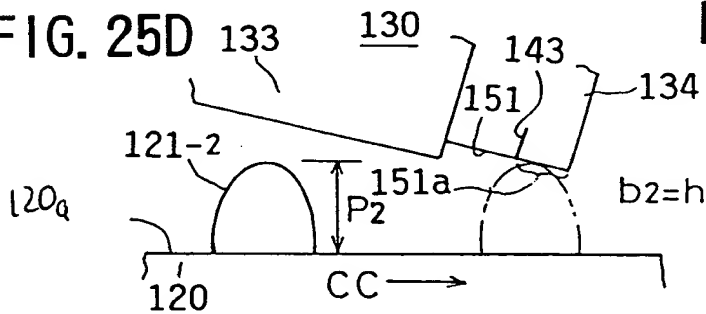


FIG. 25E

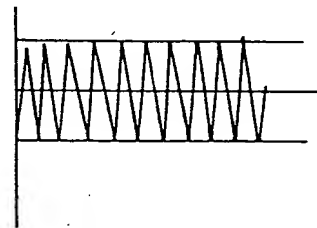


FIG. 25F

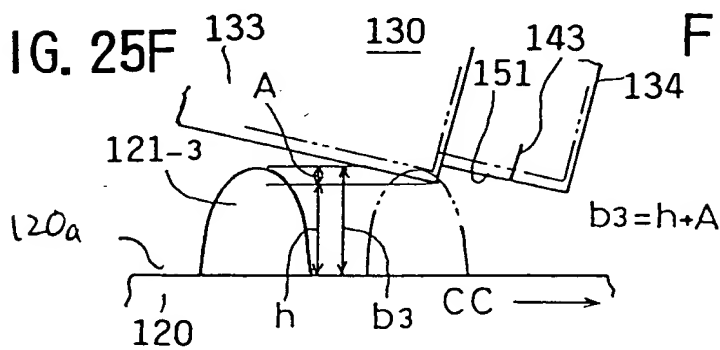


FIG. 25G

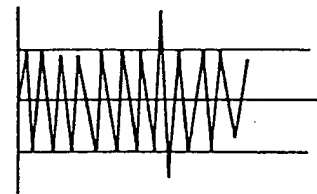


FIG. 25A

FIG. 26

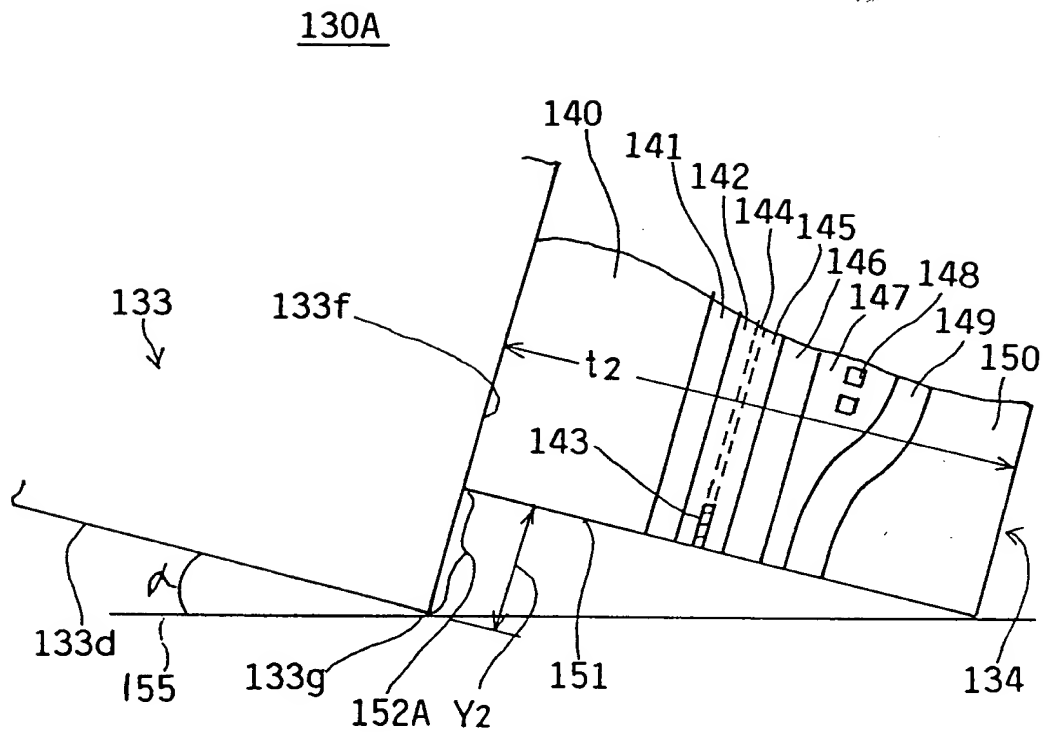




FIG. 27A



FIG. 27B

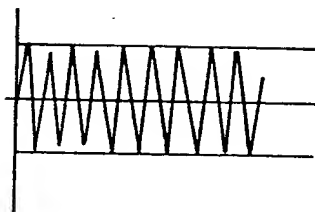
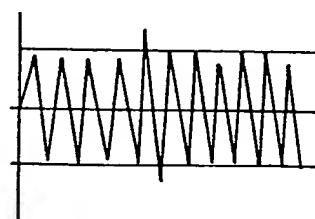


FIG. 27C



FIG. 27D

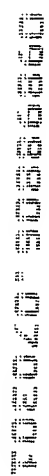


Time	Lat	Long	Alt	Temp	Hum	Wind	Dir	Speed	Pressure	Clouds	Visibility	Remarks
0000	10° 00' N	155° 00' E	1000	25.0	80	10	090	10	1010.0	0	10	Clear
0100	10° 00' N	155° 00' E	1000	24.5	78	12	090	12	1010.0	0	10	Clear
0200	10° 00' N	155° 00' E	1000	24.0	76	14	090	14	1010.0	0	10	Clear
0300	10° 00' N	155° 00' E	1000	23.5	74	16	090	16	1010.0	0	10	Clear
0400	10° 00' N	155° 00' E	1000	23.0	72	18	090	18	1010.0	0	10	Clear
0500	10° 00' N	155° 00' E	1000	22.5	70	20	090	20	1010.0	0	10	Clear
0600	10° 00' N	155° 00' E	1000	22.0	68	22	090	22	1010.0	0	10	Clear
0700	10° 00' N	155° 00' E	1000	21.5	66	24	090	24	1010.0	0	10	Clear
0800	10° 00' N	155° 00' E	1000	21.0	64	26	090	26	1010.0	0	10	Clear
0900	10° 00' N	155° 00' E	1000	20.5	62	28	090	28	1010.0	0	10	Clear
1000	10° 00' N	155° 00' E	1000	20.0	60	30	090	30	1010.0	0	10	Clear
1100	10° 00' N	155° 00' E	1000	19.5	58	32	090	32	1010.0	0	10	Clear
1200	10° 00' N	155° 00' E	1000	19.0	56	34	090	34	1010.0	0	10	Clear
1300	10° 00' N	155° 00' E	1000	18.5	54	36	090	36	1010.0	0	10	Clear
1400	10° 00' N	155° 00' E	1000	18.0	52	38	090	38	1010.0	0	10	Clear
1500	10° 00' N	155° 00' E	1000	17.5	50	40	090	40	1010.0	0	10	Clear
1600	10° 00' N	155° 00' E	1000	17.0	48	42	090	42	1010.0	0	10	Clear
1700	10° 00' N	155° 00' E	1000	16.5	46	44	090	44	1010.0	0	10	Clear
1800	10° 00' N	155° 00' E	1000	16.0	44	46	090	46	1010.0	0	10	Clear
1900	10° 00' N	155° 00' E	1000	15.5	42	48	090	48	1010.0	0	10	Clear
2000	10° 00' N	155° 00' E	1000	15.0	40	50	090	50	1010.0	0	10	Clear
2100	10° 00' N	155° 00' E	1000	14.5	38	52	090	52	1010.0	0	10	Clear
2200	10° 00' N	155° 00' E	1000	14.0	36	54	090	54	1010.0	0	10	Clear
2300	10° 00' N	155° 00' E	1000	13.5	34	56	090	56	1010.0	0	10	Clear



Time	Lat	Long	Alt	Temp	Hum	Wind	Dir	Speed	Pressure	Clouds	Visibility	Remarks
0000	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
0100	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
0200	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
0300	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
0400	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
0500	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
0600	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
0700	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
0800	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
0900	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1000	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1100	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1200	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1300	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1400	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1500	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1600	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1700	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1800	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
1900	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
2000	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
2100	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
2200	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear
2300	10° 00' N	155° 00' W	1000	25.0	80	10	090	10	1013.2	0	10	Clear



[illegible][illegible]

[illegible]

FIG. 30A

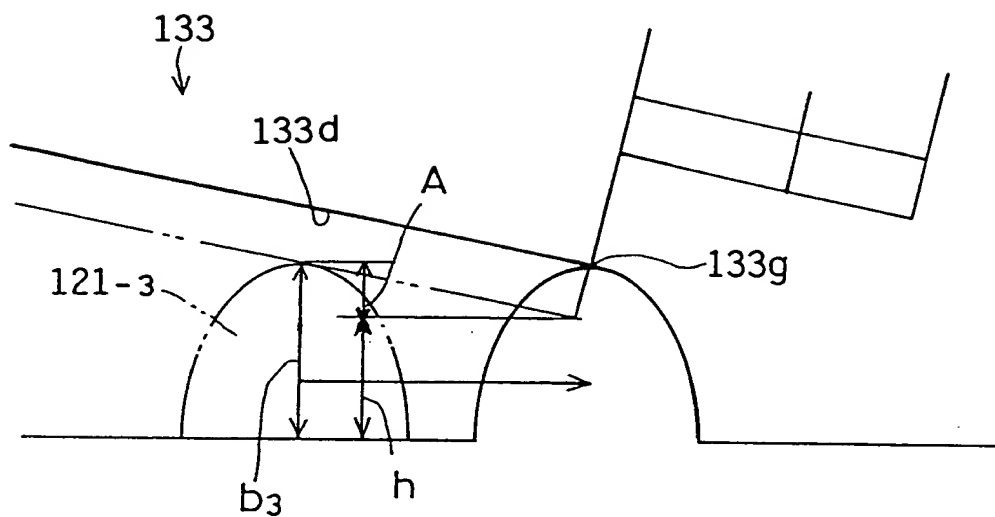


FIG. 30B

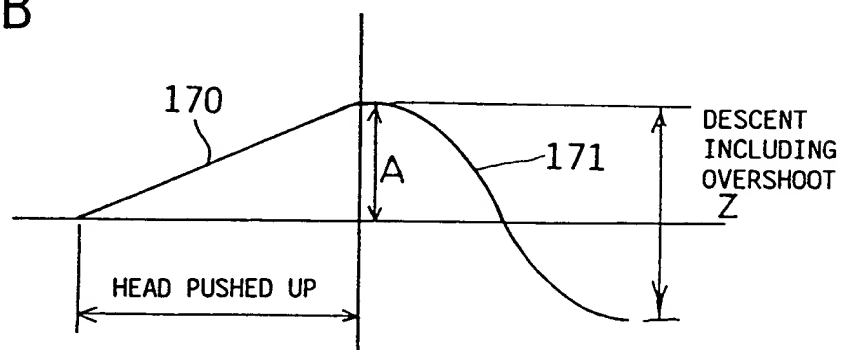


FIG. 31

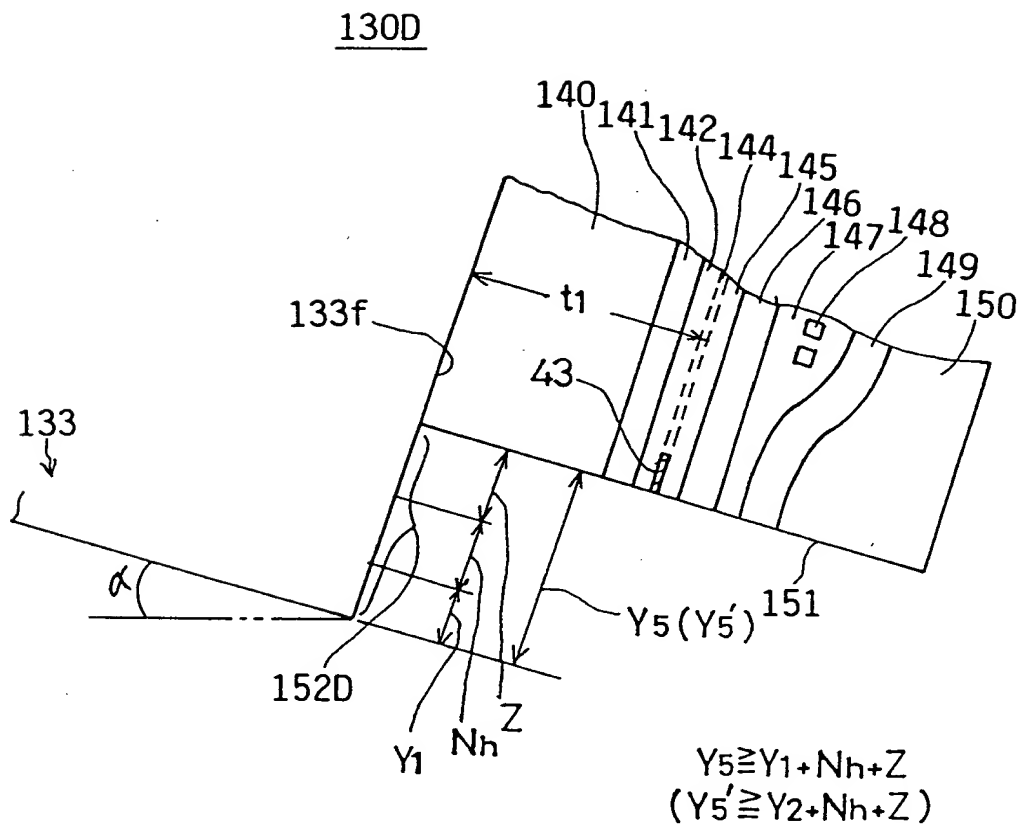
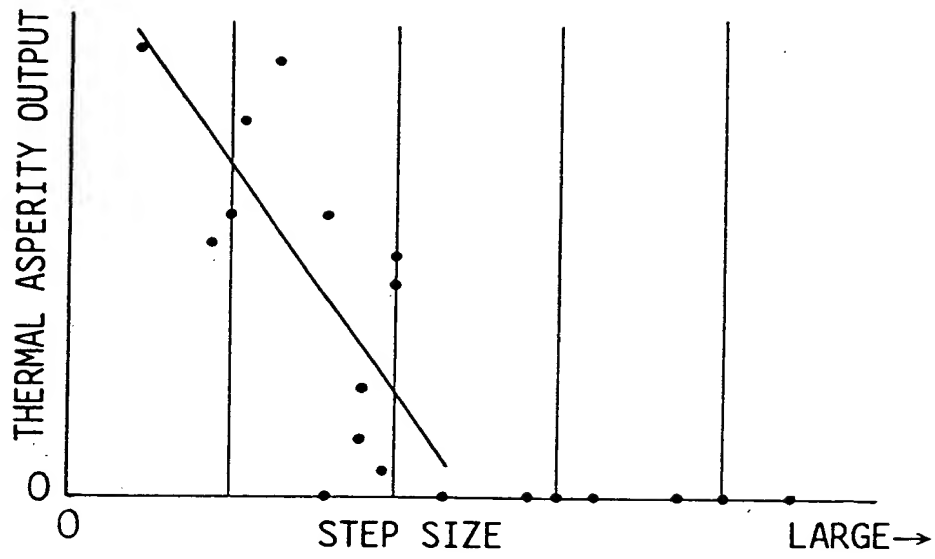


FIG. 32



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FIG. 33

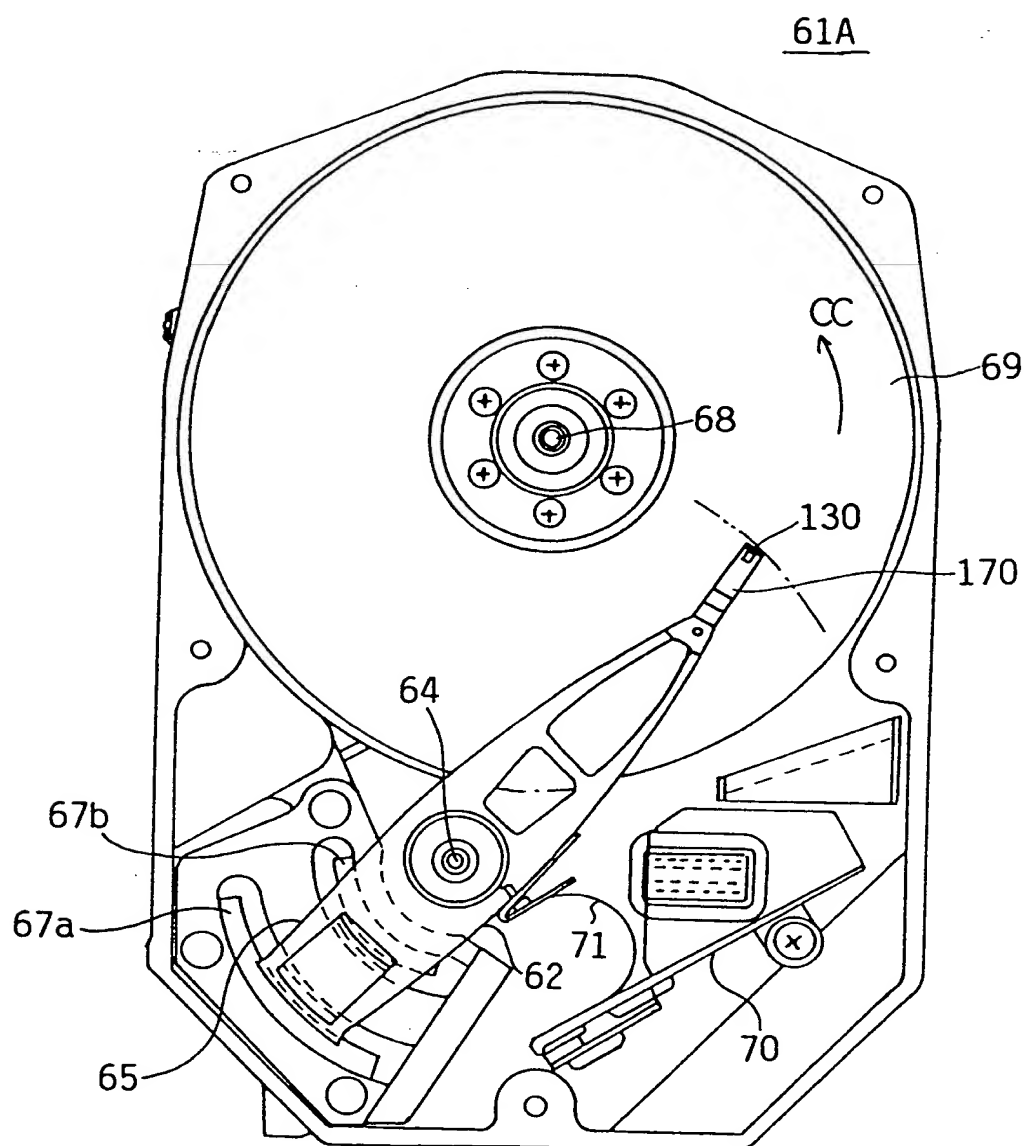


FIG. 33

FIG. 34

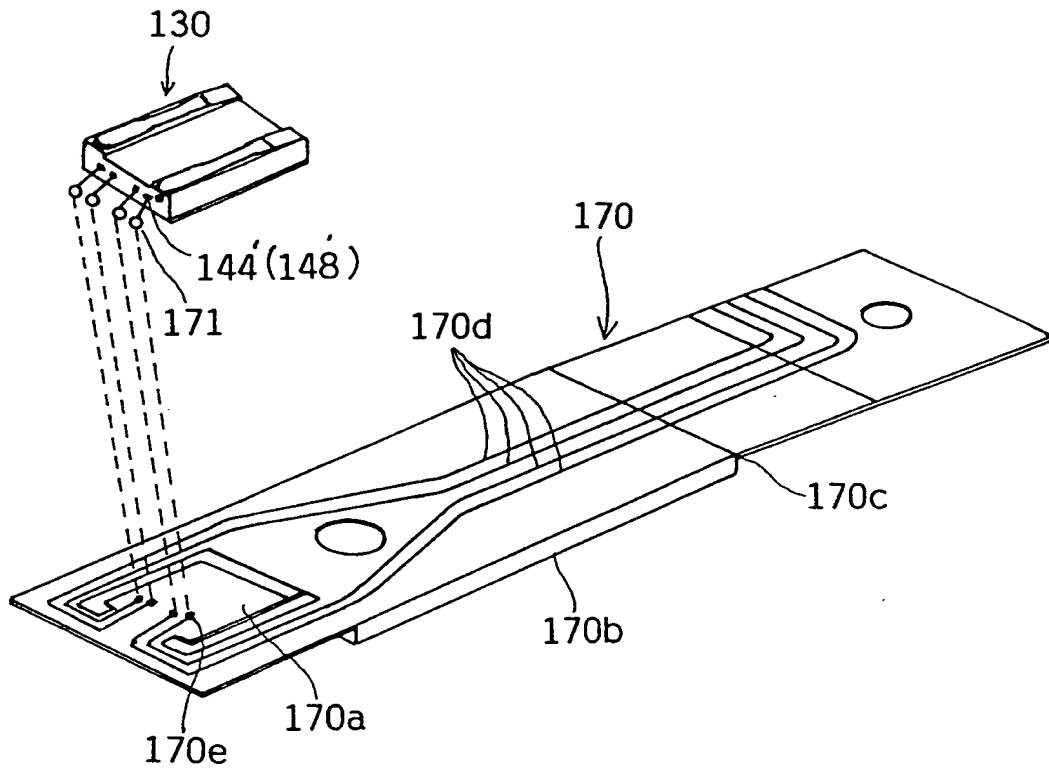


FIG. 34



FIG. 25A

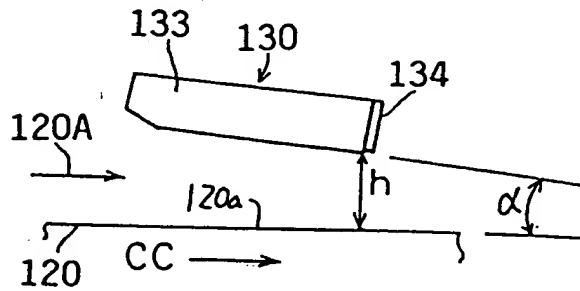


FIG. 25B

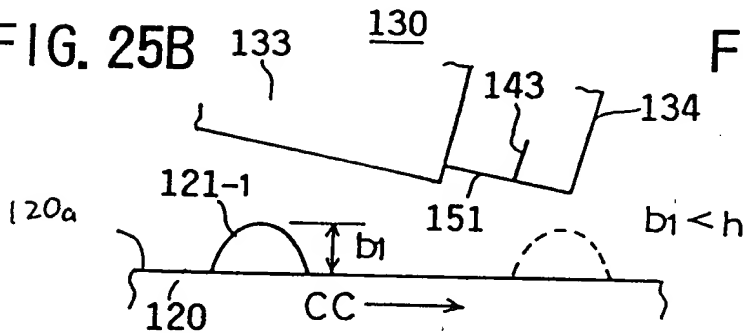


FIG. 25C

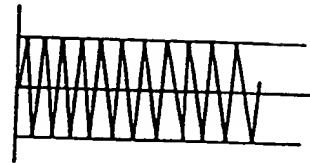


FIG. 25D

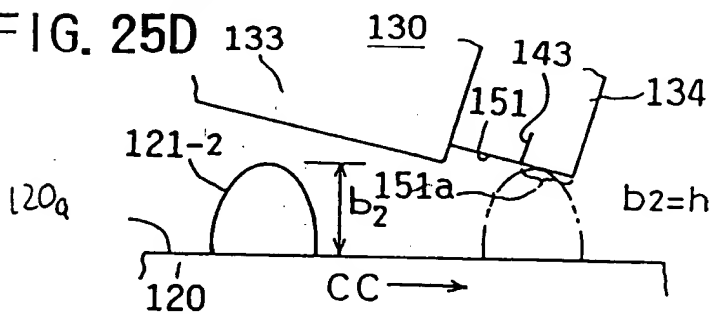


FIG. 25E

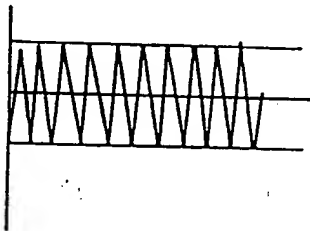


FIG. 25F

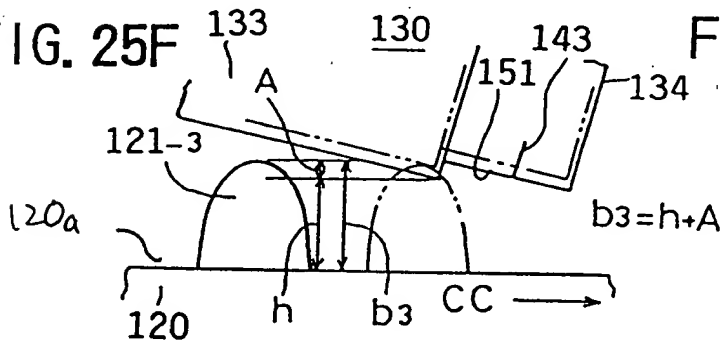


FIG. 25G

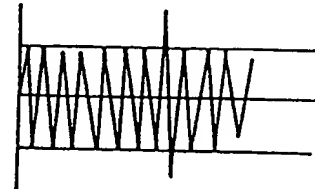
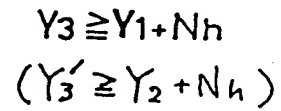


FIG. 25A

130B



130B

